

DEFENSE INFORMATION INFRASTRUCTURE (DII)
COMMON OPERATING ENVIRONMENT (COE)
SHARED DATA ENVIRONMENT (SHADE)

SEGMENT ABSRACT

FOR THE

DATABASE ADMINISTRATION (DBAdm) ACCOUNT GROUP SEGMENT

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DBAdm Segment Abstract

The Defense Information Infrastructure (DII) Common Operating Environment (COE) provides tools, procedures, and specifications for the development of systems and software applications in a modular manner to improve the interoperability of DOD information systems.

The Shared Data Environment (SHADE) works within and as a part of the DII COE to extend its modularity and interoperability concepts to database management systems, the databases they manage, and the information contained in those databases.

The Database Administration (DBAdm) Account Group Segment establishes a basic runtime environment for database management which other segments may extend in a controlled fashion.

This Account Group Segment does not provide any tools or services in and of itself, but rather provides an open and extensible framework on which to build a collection of database management system (DBMS) segments, database tool segments, and database segments.

The DBAdm Account Group Segment will support multiple commercial off-the-shelf (COTS) DBMS segments such as Oracle and Sybase. A number of database tool segments will extend the functionality of the DBAdm Account Group Segment and provide the Database Administrator (DBA) with the tools necessary to develop, install, and manage database segments:

- The Database Administration Developer Tools (DBAdmD) Segment will provide the means to check and verify that database segments comply with the I&RTS. (These tools will be available during database development, but will not be delivered to operational sites).
- The Database Administration Runtime Tools (DBAdmR) Segment will provide the means to create and manage storage on COE database servers.
- The Database Administration Tools (DBAdmT) Segment will provide the means to support and maintain the databases on COE database servers.